Defense Standardization Program
Automation Plan
FY 1998 Update

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Prepared by:

Defense Automated Printing Service Office
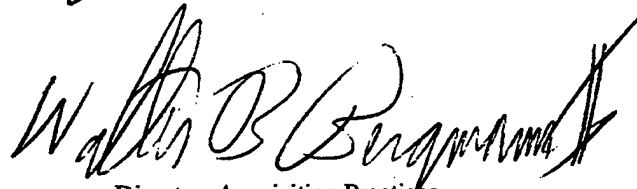Philadelphia

Reviewed and Approved:
8 December 1997

Director, Defense Automated Printing Service

Director, Acquisition Practices
Office of the Under Secretary of Defense
For Acquisition and Technology

Defense Standardization Program
Automation Plan
FY 1998 Update

Introduction

The Defense Standardization Program Automation Plan FY 1997 Update published in November 1996 is superceded in its entirety by this document.

During the course of the FY, the DODSSP collection of active military specifications, standards, and standardization documents in portable document format (PDF) was indexed and loaded into the new ASSIST DOC database. This collection of digital documents totaled 48,600. By the midpoint of the FY, all Preparing Activities were submitting documents for this collection in either PDF (approximately 70 percent of all submittals) or Postscript Description Language (PDL – approximately 30 percent). The latter category of documents was converted to PDF by the ASSIST staff. An accelerated growth in PDF submittals over PDL submittals was noted.

Part I
FY 1997 Accomplishments

Products & Services

DODISS-CD. A full volume (six editions) of the Department of Defense Index of Specifications and Standards in PDF was published on CD-ROM and delivered to customers. During the latter part of the FY, enhanced search capabilities were introduced to the product due to an upgrade of the Adobe Acrobat product (to V.3.0).

ASSIST-CD. A full volume of six editions of the ASSIST-CD product was published and delivered to customers. Beginning with the Vol. 2/No. 3 edition, enhanced reports capabilities were introduced.

ASSIST-Online. Two versions of the ASSIST-Online client installation software (V.3.0.1 in December 1996, and V.3.1.0 in July 1997) were released on CD-ROM. The latter version employed a Windows-based graphical-user-interface, greatly simplifying and improving ASSIST's ease-of-use on the client side. Additional reporting capabilities were added in the following areas: Acquisition Reform; Non-Government Standards (NGS) Adoption Notices, and MilQuest Reports. Hazmat search/reporting capabilities were also added. Report printouts were also improved to allow True Print Format output.

ASSIST-CBT. A CD-ROM-based tutorial for ASSIST users was developed for all ASSIST sub-scribers. Distribution was made in September1997.

Other Accomplishments

ASSIST-Online. Hardware and software were upgraded for the entire ASSIST maintenance staff, including large-format monitors, Pentium-based CPUs, and a Windows-based graphical-user-interface.

ASSIST Help Desk. The ASSIST Customer Service Help Desk workstations received hardware and software upgrades.

Part II
FY 1997 Tasks Still In Process

(Please note: these tasks are described fully in the Defense Standardization Plan FY 1997 Update).

- Accelerated ASSIST DOC Installation
- ASSIST-CD – Migration to Windows
- PDF Publications
- ASSIST DOC Scanner Station and Interface
- ASSIST User Publication Tab

Part III
ASSIST DOC

The concept of ASSIST DOC is of a digital library of Standardization Documents in PDF, fully integrated with the ASSIST database, and capable of managing the storage, maintenance and retrieval of these documents for a worldwide client-base. A phased implementation of ASSIST DOC was begun during this FY.

Phase I – Functional Document Repository

The installation of this phase was completed, and beta testing began on 7 July 1997. The milestones of this phase included:
- creating the ASSIST DOC Digital Library of 48,600 active Military Specifications, Standards, and Standardization Documents in PDF;
- cross-reference indexing of the Digital Library;
- installing customer service workstations;
- connecting to high-speed output printing;
- creating a new classified index;
- creating a Data Item Descriptions (DIDs) interface;
- installing a File Transfer Protocol (FTP) server for document transfer;
- creating an internet website for future ASSIST/ASSIST DOC interface (ASSIST-WEB).

Beta testing of this phase of ASSIST DOC is scheduled through December 1997.

Phase II – Expansion of Communication/Interface Functionality

This phase is currently unfunded. Proposed system enhancements for this phase include:

- expanding the Digital Library to include all inactive documents (approximately 30,000, or a total of about 80,000 digital documents);
- installing a Bulletin Board System (BBS);
- providing the capability for FSC or document bundle orders via the BBS;
- providing the capability to order, pay for, and download documents via the internet;
- creating an ASSIST database interface on the internet (ASSIST-WEB);
- increasing online customer service workstations threefold;
- installing a T-1 line service to expand customer throughput via the internet.

Phase III – Total System Integration

This phase is currently unfunded. Proposed system enhancements include:

- fully integrate the ASSIST user and ASSIST maintenance environments;
- provide for full report generation and viewing;
- provide for fully automated billing and customer invoicing;
- hotlink from ASSIST to ASSIST DOC Digital Library for document downloading;
- interface with Preparing Activities to download new/revised PDF documents into ASSIST via the BBS.

Phase IV – Advanced Integration

This phase is currently unfunded. Proposed system enhancements include:

- interface with QUEST – the PIE (Procurement Internet Express) concept, a partnership with the Defense Industrial Supply Center and the Defense Finance and Accounting Service under the Acquisition Reform initiative, to streamline acquisition practices in the DOD.
- interface with NSSN;
- interface with JCALS.

Part IV
DODSSP Website

The current DODSSP website (http://www.dodssp.daps.mil) was designed, configured and uploaded during this FY. Features of this site include:

- catalog of current DODSSP products;
- descriptive sections of DODSSP services;
- interactive and static order forms for product and service ordering;
- DODISS Notice editions in PDF;
- dedicated mail server for email correspondence;
- ally website hyperlinks;

- DISC/DAPS Procurement Gateway site for DISC contract solicitations and awards in PDF;
- Navy Directives Library, a test site of OPNAV and SECNAV Directives and Notices in PDF.

User feedback has pushed the development of a refined DODSSP website, which will replace the current site in the first quarter of FY98. The principal concerns addressed in the new design will be ease of navigation and online ordering capability via email to the mail server.

Part V
Future Technology Enhancements

PROJECT TITLE: **DODSSP Document Order System**
ESTIMATED COST: $150K [FUNDED BY DAPS]

TASK: Design and develop a web-based document ordering system to permit DODSSP customers to perform intelligent searches against the ASSIST index, display pricing information, and collect multiple documents for a given order. Users will specify a preference for delivery media including paper, CD-ROM, or floppy diskette before the order is queued for processing by Customer Service. The system will collect and validate credit card payment information when orders are placed and will archive financial data for production of routine reports. Application interfaces support software will be installed on the GFE DODSSP web server and software and will be configured to communicate with ASSIST data structures.

BENEFIT: This system will provide the ability for the general public (without an ASSIST subscription) to place orders for documents electronically.

PROJECT TITLE: **ASSIST-Online Full Text Retrieval**
ESTIMATED COST: $175K

TASK: ASSIST DOC includes Customer Service interfaces to distribute documents to customers in hard copy or electronically via floppy diskette and CD-ROM. DAPS has a requirement to offer access to electronic documents in an on-line environment permitting customers to locate, view and download document images without placing an order through Customer Service interfaces. ASSIST-Online will be modified to permit authorized users to highlight a document listed in an ASSIST report, select a new View Document icon to initiate Adobe Acrobat, download the corresponding file(s), and display the document image on a remote user's workstation. Audit information will be captured in ASSIST DOC to record the sale of that document and to archive billing requirements. *This system will function in a World Wide Web environment and will be implemented in parallel to the ASSIST-Online for the Web task.*
- ASSIST-Online - User platform database structures will be enhanced to provide direct access to documents indexed and stored in the AS-

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SIST DOC database and file system. Application interfaces will be modified to provide hot-key access to one or more document images associated with a given record in a document-based report. Security features will be implemented to control privileged access to documents based on user account type, distribution statement, and document category (e.g., NGS when cataloged). Access information will be captured as users download/display documents and recorded in AS-SIST DOC.

- ASSIST DOC - System procedures and structures will be modified to support electronic access from ASSIST-Online and to track user activity associated with online display of document images.

BENEFIT: ASSIST users will be able view document images in an online environment fully integrated with customer service accounting structures.

PROJECT TITLE: **Dedicated T-1 Line**
ESTIMATED COST: $15K/yr.

TASK: Reduce internet customer wait times.

BENEFIT: The use of a T-1 connection to the internet will ensure that all ASSIST and ASSIST DOC customers will have immediate access and rapid download speeds at all times.

PROJECT TITLE: **ASSIST CBT Enhancements**
ESTIMATED COST: $80K

TASK: Enhance ASSIST Computer Based Training (CBT) v3.0 to reflect system module and reporting interface enhancements released in ASSIST-Online v3.1 in FY97. New exercises will be added to reflect new DIDs and HAZMAT/ODCs modules; graphical reports; hot link icons; print functionality; and Acquisition Analysis report enhancements. This version of the CBT will be designed for delivery and/or access via web browser.

BENEFIT: The production version of the ASSIST CBT is a version behind the production version of ASSIST-Online. Proposed CBT enhancements will be made to reflect interfaces and functionality provided in ASSIST-Online v3.1.

PROJECT TITLE: **Automated ASSIST Database Distribution**
ESTIMATED COST: $50K

TASK: Replace manual data distribution procedures with automated processes to

electronically deliver updates to slave systems. Oracle symmetric replication will be configured on the Maintenance and User platforms at DAPS to keep user-accessible data current within a 24-hour period.

BENEFIT: Automated distribution processes will keep user data current within scheduled (hourly, nightly, etc.) intervals without manual intervention by the System Administrator. The system will not need to be taken offline during or after business hours for update. Configuration can be used to update remote databases (e.g., NAWC, NAVSEA).

PROJECT TITLE: **ASSIST Maintenance GUI Completion**
ESTIMATED COST: $265K

TASK: The ASSIST Maintenance platform will be enhanced to provide a graphical user interface (GUI) for all system maintenance functions. The system currently provides a GUI for the Document Maintenance module only. All remaining character-based modules listed below will be migrated to a GUI to allow users to access, view, update, and manage ASSIST data elements in a Windows 95 environment. The ASSIST Maintenance documentation will be updated to reflect all enhancements. The following system components will be migrated:
- SD-1 Maintenance
- SD-4 Maintenance
- DIDs Maintenance
- Acquisition Reform Maintenance
- Publication Administration
- CD-ROM Administration
- System Administration

BENEFIT: Existing character-based software products are not designed for use in the current Windows 95 environment at DAPS and do not take advantage of current network technologies. Character-based 4GL development products are no longer supported by the vendor, placing future enhancements or modifications at risk. GUI migration efforts will also improve cataloger productivity and data quality through the use of flexible, multi-window maintenance applications and screens.

PROJECT TITLE: **PDF Publications and Printing**
ESTIMATED COST: $80K

TASK: Modify and develop new ASSIST publication procedures to produce all DODISS publications (nine variations), SD-1, SD-4, and AMSDL publications in PDF format directly from the ASSIST Maintenance platform.

BENEFIT: Publications will be made electronically available in a common format

that may be bundled as a set of sister products and distributed to users on CD-ROM.

PROJECT TITLE: **Electronic Document Coordination System**

ESTIMATED COST: $200K (Includes Coordination Server H/W & S/W)

TASK: Design and develop an electronic document coordination system to permit users to collaborate comments on draft versions of standardization documents. This pilot system will demonstrate proof of concept for the electronic management of document coordination processes. The system will accept a PDF draft document and notify by
e-mail all specified reviewers of the document in the sequential and/or concurrent order specified. Upon notification of work, users at up to ten initial pilot sites will initiate a web-enabled application interface, review document image contents, record comments, and save/release the document for automatic distribution to the next reviewer. Reports will be implemented to summarize users' comments for review and inclusion in each Service custodian's position.

BENEFIT: This effort will establish an integrated web-enabled environment with which standards developers may electronically coordinate comments on draft documents. This system will significantly reduce effort and cost associated with manual coordination processes in use today. After proof-of-concept, the web-enabled system can be easily expanded to support DoD-wide coordination efforts and enhanced to respond to Service and/or organization specific requirements.

PROJECT TITLE: **ASSIST DOC Phase II - Interface Enhancements**

ESTIMATED COST: $100K [FUNDED BY DAPS]

TASK: Implement modifications and enhancements to ASSIST DOC subsystems to improve current functionality, supplement existing processing features, expand the selection of financial and management reports, and support system security and auditing of critical actions.

BENEFIT: Recommended system improvements will streamline data maintenance, document ordering, and system management functions.

ITEMIZED EFFORT: Interface Upgrades
- Modify CAMS procedures to permit Customer Service to order multiple documents from inventory within a single order. Modifications will permit partial orders to be completed/suspended.
- Develop an automated procedure to check suspended orders against current stocking levels to reprocess orders that could be potentially completed. This process will automatically process suspended orders in oldest-to-newest sequence.
- Modify the Document Order interface to prompt the Customer Service user at the time of entry when an order for a warehouse item cannot be

immediately completed due to low stocking levels.

- Enhance CAMS to provide new password protected options to cancel and/or delete backordered documents.

Security
- Implement an administration utility to create and manage ASSIST DOC user accounts.
- Modify system procedures and structures to audit user actions in the system. The system will retain account and date/time information to audit the creation and/or modification of customer accounts, document orders, and credit card data.
- Provide field-level restrictions to control user access to specific fields in the system (e.g., changing a credit card number, deleting a customer, etc.).

Reports
- Printer Statistics Report: summarizes for each DocuPrint the total number of orders, documents, and pages processed today, this week to date, and this month to date.
- DIMS Quantity on Hand Report: lists all items cataloged in DIMS including stocking level information to be used to reconcile recorded information with physical items found in inventory.
- Warehouse Backorder Report: lists all documents stocked in the warehouse where customer orders are suspended due to insufficient stocking levels. For each document listed, this report includes the total number of suspended orders, the total number of copies requested, and the date on which the oldest order was submitted.
- FSC Revenue Report: lists all ASSIST FSCs with summaries of document and page count statistics for each. Subtotals with FSG will collectively reflect repository size, content, and value for sales in each media category.

Other
- Install system interfaces, structures, and procedures on three additional Customer Service workstations. Hardware provided by DAPS as GFE will be configured by USI and installed at DAPS, Philadelphia to expand current capabilities.
- Resolve software conflicts to allow Documetrix and CAMS/DIMS to co-exist on a single workstation. This requirement for Joe McCourt's PC is temporarily resolved using a second workstation in the area for DIMS work.

PROJECT TITLE: **Electronic Document Submission Utility**
ESTIMATED COST: $75K

TASK: Implement integrated interfaces and procedures to permit DOD standards developers to electronically submit new and revised documents to the

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DODSSP via the web. This system will record and track predefined data elements (e.g., organization, submission date, etc.), manage submitted document files, and automatically queue the submissions for processing by DODSSP personnel. Queue interfaces will be developed to track assigned staff, processing issues, acceptance and rejection data, and customer related comments. This utility will support related requirements necessary to manage Print Order Form submission and processing.

BENEFIT: This system will create an automated, electronic interface where DSP Preparing Activities will no longer be required to manually mail documents to the DODSSP for processing. The system will resolve file size issues where PDF submissions do not fit on a diskette and will streamline customer response by eliminating mis-addressed, misplaced, and lost mail.

PROJECT TITLE: **CD-ROM ASSIST System Expansion**
ESTIMATED COST: $250K

TASK: DAPS, Philadelphia will complete migration of the character-based CD-ROM ASSIST product to a Windows-based system in FY98/Q1. The fully self-contained application includes limited document information and end user reporting capabilities. CD-ROM ASSIST will be enhanced to significantly expand the data content and selection of user reports in order to reflect reporting interfaces made available in ASSIST-Online V3.1. New maintenance platform data extraction procedures will be implemented to pass new data to the CD-ROM Production Utility. Expanded documentation will also be delivered to describe the new reporting modules listed below:
- Document Management Module
- Acquisition Reform Module
- Contacts and Responsibilities Module (SD-1)
- DOD Project Module (SD-4)
- Data Item Descriptions Module (DIDs)
- HAZMATs/ODCs Module

BENEFIT: Enhancements will give users with local processing requirements dramatic improvements in reporting functionality. Subscribing organizations will also be able to permanently archive standardization data for any given product distribution cycle.

PROJECT TITLE: **ASSIST User Help Desk**
ESTIMATED COST: $50K

TASK: The contractor will continue to provide technical support to ASSIST users with efforts associated with workstation configuration, network conflict resolution, software execution, and system access. Help desk reports will be submitted monthly.

BENEFIT: During times of rapidly changing technologies and evolving ASSIST functionality, ASSIST users often require direct contractor support to resolve technical issues.

PROJECT TITLE: **DSP Program Support**
ESTIMATED COST: $100K

TASK: The contractor will support DUSD requirements associated with Defense Standardization Program (DSP) data management efforts. The contractor will process specifications and standards questionnaires to reflect updated document dispositions in ASSIST maintenance and user databases. The contractor will routinely process current HAZMATs/ODCs data submitted by the Services into ASSIST data structures. The contractor will conduct data analysis, develop reports on an "as needed basis"; report on standardization metrics; implement application interfaces to process standardization data; provide support in configuration of hardware and software; support the DUSD ASSIST training configuration; develop briefing materials and deliver presentations.

BENEFIT: This task provides DUSD with the direct support necessary to effectively manage standardization data, rapidly produce accurate standardization reports, and resolve technical systems problems associated with data management.

PROJECT TITLE: **Subscription Document Distribution**
ESTIMATED COST: $120K [FUNDED BY DAPS]

TASK: DAPS distributes hard-copy documents to customers on a subscription basis where modifications within specific FSC ranges have been issues. A new ASSIST DOC module will be implemented to permit Customer Service users to produce FSC distributions (updates) on specified media including hard copy, floppy diskette, and CD-ROM. The utility will include interfaces to record and manage customer requirements, audit distributions, and retain financial data necessary to produce customer invoices. This system will serve as the foundation for future document distributions via online electronic transfer.

BENEFIT: This system provides DAPS with a powerful, flexible, replacement capability for a service that will be eliminated when NPODS/conventional printing is retired.

PROJECT TITLE: **ASSIST Full Text Search Analysis**
ESTIMATED COST: $25K

TASK: Conduct analysis of system requirements and available technology products to perform structured full-text searches against documents residing in

the ASSIST DOC repository. Evaluate, document and recommend alternatives for enhanced searching capabilities for integration with ASSIST-Online interfaces.

BENEFIT: This effort will identify standardized search requirements and document DOD direction in the use of full text search engines against document indexed in the ASSIST.

PROJECT TITLE: **ASSIST-Online Filters and Sorts**
ESTIMATED COST: $150K

TASK: Enhance all existing ASSIST-Online v3.1/v3.2 reports (web-based interface) to provide end-user options for filtering and sorting report contents. Users require the ability to customize the content of existing reports to tailor reports to the needs of their individual organizations. Where applicable, new Filters and Sort buttons will be implemented to display interactive report parameter windows where document reports may be filtered against applicable data elements associated with the report (e.g., Preparing Activity, Service, All DoD, etc.) and sorted against appropriate data elements (e.g., Document Number, Title, etc.). Project requires prior deployment of ASSIST-Online for the Web.

BENEFIT: Enhancements associated with improving report flexibility are frequently requested by system users.

PROJECT TITLE: **ASSIST-Online Report Expansion**
ESTIMATED COST: $135K

TASK: Design and implement new end-user reports for ASSIST-Online in response to requests submitted by DSP Preparing Activities LSA and DepSOs. These reports will satisfy organization-level requirements identified during FY97.

BENEFIT: Routinely requested reports have been written using ad-hoc reporting tools by/for individual organizations. Implementing these reports as standard options will guarantee report accuracy and consistency and will make them available to the entire user community.

ITEMIZED EFFORT: Document Management
- Develop new document statistics report to provide counts of documents by Preparing Activity or LSA for each category of document. A filter will be implemented to permit users to filter the report against a specific Preparing Activity or LSA to determine activity-level statistics.

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- Develop a report providing an inclusive list of documents based on user-specified criteria including Preparing Activity, Custodian, Interest, FSC/Area responsibility (LSA, Participating Activity, Standardization Document Review, Item Reduction Study Review), and direct references to documents listed above. This report could be designed to include Project information. [Requested by NAVSEA]
- Develop an ASSIST NGS Matrix report listing all industry associations having adopted and non-adopted documents cataloged in the system.
- Modify the Reference List and Consolidated Reference List reports to remove the PA Interest column (and parameter field) since it provides no value to commercial ASSIST users and little value to DoD users. [Requested by SPD]

Acquisition Analysis
- Develop a new Acquisition Analysis report to generate all consolidated reports into a single inclusive report. [Requested by SPD]
- In Acquisition Analysis module, expand physical width of Spec List comment field (Admin screen) to permit longer comments. Current field looks large but maximizes at roughly 50 characters.

DOD Projects (SD-4)
- Develop an SD-4 module report to list all projects having an estimated completion date within a user-specified date range. This report would be akin to AIA's Early Warning system or ANSI/NSSN's Alert Service. [Boeing requested]
- Develop a SD-4 module report to list all projects associated with a user-specified Preparing Activity where the activity is the owner, custodian, or maintains an interest in a given document. This report could be expanded to permit similar searches against FSCs/Areas for which the Preparing Activity or LSA may be responsible. [Requested by NAVSEA]
- Develop a SD-4 Module report, based on the structure of Pyramid or Reference List, to identify lower tier requirement documents with open/active projects.

Acquisition Reform
- Develop a new Acquisition Reform report to list all documents grouped by disposition and sorted by completion status within disposition. Produce the report by Preparing Service and/or Preparing Activity.

General
- Enhance Report Library to display a column for report Category indicating the type of report associated with the entry.

PROJECT TITLE: ASSIST-Online Tour Guide
ESTIMATED COST: $80K

TASK: A Tour Guide feature will be implemented to provide graphically linked displays and descriptions of ASSIST-Online system modules, related reports, and other system functionality. The help system will be enhanced to provide expanded online user support. Topic based search functions (e.g., How do I....) will be implemented to guide new and non-frequent users in the use of the system.

BENEFIT: Existing online help is restricted to descriptions of currently displayed modules and screens. Tour Guide and help enhancements will help users quickly become familiar with ASSIST functionality and promote more widespread use of the system as a DoD-level tool.

PROJECT TITLE: DIDs Management and Maintenance Modifications
ESTIMATED COST: $175K

TASK: Work with the CALS Office in reviewing DIDs policy and purpose to identify and implement alternative means for managing, archiving, and delivering DIDs information. Restructure and index DIDs as a new document category in the ASSIST, enhance document maintenance procedures to validate and store DIDs index data, expand the DODISS to provide DIDs (eliminating the AMSDL).

BENEFIT: DIDs will be indexed, maintained, and published through the same interfaces and process associated with military specifications and standards, eliminating long term costs associated with parallel systems, maintenance, and publications.

PROJECT TITLE: DIDs Image Management
ESTIMATED COST: $85K

TASK: Expand the ASSIST DOC repository to store PDF images of DIDs indexed in the ASSIST Maintenance database. DIDs Maintenance procedures will be modified to queue the results of DIDs indexing activities for synchronous activity in the document repository. ASSIST DOC will be enhanced to manage historical and active DIDs within logical document families. Customer Service structures and interfaces will be enhanced to support inventory price management, DIDs order processing, print-on-demand and electronic distribution, and customer activity auditing.

BENEFIT: Upon completion, the DoD will fully integrate the master DIDs index, repository of historical and active DIDs images, DIDs ordering interfaces, and activity auditing controls within a single network environment. DAPS, having turned off the NPODS where DIDs were traditionally

maintained, will no longer need to individually collect DIDs images and manually respond to customer requests.

PROJECT TITLE:	**DIDs Hypertext Access**
ESTIMATED COST:	$55K
TASK:	Enhance web-based ASSIST-Online interfaces to permit users to view Data Item Descriptions (DIDs) in an online environment. Procedures will be implemented to manage user access controls, image access activity, and invoicing information associated with DIDs. This project requires that all DIDs images be introduced and managed through the ASSIST DOC repository prior to project initiation. New functionality will be delivered in a future scheduled release of ASSIST-Online for the web.
BENEFIT:	DIDs images will be made available to users in an online environment.

PROJECT TITLE:	**Document Maintenance Rules Manager**
ESTIMATED COST:	$80K
TASK:	Develop an intelligent Rules Manager utility to permit DAPS, Philadelphia staff to easily add new document categories to the ASSIST and modify rules for managing data integrity, syntax requirements, and permissible values. This module will provide a GUI interface and a series of questions to direct entry of validation, parsing, and document maintenance screen navigation rules.
BENEFIT:	This utility provides DAPS with direct, immediate control over the management of ASSIST data validation requirements and procedures.

PROJECT TITLE:	**ASSIST Maintenance Enhancements**
ESTIMATED COST:	$65K
TASK:	Implement enhancements to ASSIST Maintenance platform procedures and interfaces to improve document indexing and management controls and to expand the automation of data validation processes. Associated subtasks are primarily recommendations required to correct validation process deficiencies identified during ASSIST database integrity analysis efforts.
BENEFIT:	This task improves data integrity by identifying/preventing undesired conditions at the point where they are typically introduced. While traditional procedures require users to manually research and verify new data, proposed enhancements will alert users of integrity issues as they arise.

ITEMIZED EFFORT: Document Maintenance

- Implement procedures to identify alternate formats of existing documents upon creation of a new document or document reference. For example, MIL-STD-98765 and DOD-STD-98765 should be recognized as a single document while, under current procedures, they may be indexed and referenced as distinct items.
- Add new maintenance procedures to advise users when an interim version of a document exists and the base document has undergone a revision. Procedures will be developed to purge interim versions of documents automatically, enhancing or replacing the manual method existing in the system today.
- Supplement Reviewer Interest validation by verifying that a custodian from each respective Preparing Service is indexed. This enhancement will have significant impact when Reviewers are used as the basis for Electronic Document Coordination.
- Enhance the Document References screen by providing a Document Type list of values.
- Design and develop a new report listing all documents with QPL/QML requirements where the corresponding QPL or QML is not cataloged in the ASSIST. This report will provide the ability to restrict report contents against a range of Document Dates.

SD-1 Maintenance

- Implement a new SD-1 publication option to generate a draft version of the publication without disabling related maintenance modules or reinitializing SD-1 publication flags.
- Design and develop a Point of Contact Summary report to optionally produce a printed listing containing data committed to the database during data entry. Like summaries produced for document maintenance and project maintenance, this new report will provide DAPS users with improved quality assurance controls.
- Expand the SD-1 to record, maintain, and provide World Wide Web address information where individual points of contact may be reached.

Standardization Automation Plan
FY 1998 Update

Fiscal Year Budgets
1998 - 2002

FY-98 STANDARDIZATION BUDGET

	INITIAL PRINTING	NON-GOVT STANDARDS	ON DEMAND	CORE SYS MAINT	INFO TECH ENHANCE	TOTALS
ARMY	112,355	129,150	118,728	412,500	125,000	897,733
AIR FORCE	106,882	150,150	46,574	412,500	125,000	841,106
NAVY	130,357	120,750	138,860	412,500	125,000	927,467
DLA	95,832	93,450	100,993	412,500	125,000	827,775
TOTALS	445,426	493,500	405,155	1,650,000	500,000	**3,494,081**

FY-99 STANDARDIZATION BUDGET

	INITIAL PRINTING	NON-GOVT STANDARDS	ON DEMAND	CORE SYS MAINT	INFO TECH ENHANCE	TOTALS
ARMY	99,996	135,608	109,230	453,750	125,000	923,584
AIR FORCE	95,125	157,658	42,848	453,750	125,000	874,381
NAVY	116,018	126,788	127,751	453,750	125,000	949,307
DLA	85,290	98,123	92,914	453,750	125,000	855,077
TOTALS	396,429	518,175	372,743	1,815,000	500,000	3,602,347

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FY-00 STANDARDIZATION BUDGET

	INITIAL PRINTING	NON-GOVT STANDARDS	ON DEMAND	CORE SYS MAINT	INFO TECH ENHANCE	TOTALS
ARMY	88,996	142,388	100,492	499,125	125,000	956,001
AIR FORCE	84,661	165,541	39,420	499,125	125,000	913,747
NAVY	103,256	133,127	117,531	499,125	125,000	978,039
DLA	75,908	103,029	85,481	499,125	125,000	888,543
TOTALS	352,821	544,086	342,924	1,996,500	500,000	3,736,331

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FY-01 STANDARDIZATION BUDGET

	INITIAL PRINTING	NON-GOVT STANDARDS	ON DEMAND	CORE SYS MAINT	INFO TECH ENHANCE	TOTALS
ARMY	79,206	149,507	92,453	549,038	125,000	995,204
AIR FORCE	75,348	173,818	36,266	549,038	125,000	959,470
NAVY	91,898	139,783	108,129	549,038	125,000	1,013,848
DLA	67,558	108,180	78,643	549,038	125,000	928,419
TOTALS	314,010	571,289	315,491	2,196,150	500,000	3,896,940

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FY-02 STANDARDIZATION BUDGET

	INITIAL PRINTING	NON-GOVT STANDARDS	ON DEMAND	CORE SYS MAINT	INFO TECH ENHANCE	TOTALS
ARMY	70,493	156,982	85,057	603,942	125,000	1,041,474
AIR FORCE	67,060	182,509	33,365	603,942	125,000	1,011,876
NAVY	81,789	146,772	99,479	603,942	125,000	1,056,982
DLA	60,127	113,589	72,352	603,942	125,000	975,010
TOTALS	279,469	599,852	290,253	2,415,767	500,000	**4,085,342**

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